**Supplementary Table 2. Characteristics of the selected DNA methylation probes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene symbol** | **CG sites** | **Chr** | **MAPINFO** | **Location** |
| SERPINA5 | cg15509705 | 14 | 95047720 | 1stExon;5URT |
| TIMP1 | cg27151711 | X | 47441573 | TSS200;Body;Body |
| TIMP1 | cg16523424 | X | 47441779 | 1stExon;5URT;Body;Body |
| TIMP1 | cg04791822 | X | 47441773 | 1stExon;5URT;Body;Body |